## **ENTERNAHONALSEARCHKEPORT**

International application No. PCT/JP2005/019641

## A. CLASSIFICATION OF SUBJECT MATTER

IntCl. H02J1/02 (2006.01), G05F1/56 (2006.01)

According to International Patent Classification (IPC) or to both national classification and IPC

## B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

MCl. H02J1/02 (2006.01), G05F1/56 (2006.01)

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched
Published examined utility model applications of Japan 1922-1996
Published unexamined utility model applications of Japan 1971-2005
Registered utility model applications of Japan 1996-2005
Published registered utility model applications of Japan 1994-2005

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)

## C. DOCUMENTS CONSIDERED TO BE RELEVANT Category\* Citation of document, with indication, where appropriate, of the relevant passages Relevant to claim No. Α JP 57-204928 A (SonyCorp.) 1982.12.15, See whole 1-8 document, Figures 1-3 (Patent family NONE) Α JP 48-37654 A (Hitachi, Ltd.) 1973 .06.02, See whole 1 - 8 document, Figures 1-3 (Patent family NONE) Further documents are listed in the continuation of Box C. jtt See patent family annex. Special categories of cited documents "T" later document published after the international, filing date or pποπty date and not in conflict with the application but cited to document defining the general state of the art which is not

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Name and mailing address of the ISA/JP  Japan Patent Office		Authorized officer Shin'ichi Yajima		5 T	906	0
Date of the actual completion of the international search  15.11.2005		Date of mailing of the international search report 29.11.2005				
"O" "P"		"&"	be considered to involve an inventive step when the docume combined with one or more other such documents, combination being obvious to a person skilled in the art			
"E"	usidered to be of particular relevance lier application or patent but published on or after the interional filing date cument which may throw doubts on priority claim(s) or which cited to establish the publication date of another citation or other citation (as specified)	^	understand the principle or theory underlying the invention document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone document of particular relevance; the claimed invention cannot			